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14 July 1967

OPERATING AND MAINTENANCE INSTRUCTIONS FOR 30-INCH PRINT STRAIGHTENER

A. OPERATION

1. Fill water tank with distilled water to approximately 1/2 inch from top as viewed on the water level gauge at the left side of the unit. The tank may be filled through the wire belt or by using the sliding tray at the left side.
2. Inspect both belts for foreign materials and lower the cloth belt assembly to the working position.
3. Set controls as follows:

   Line switch - off

   Motor Speed Control - power off, motor stop and speed at zero
4. Plug line cord into 110 volt receptable.
5. Set controls as follows:

   Line switch - on (heater is now operating)

   Motor Speed Control - power on, motor forward, speed at approximately 40
6. Allow 20 to 30 minutes for warm-up before running prints and adjust motor speed as required to dampen print.
7. To change degree of reverse bending of prints, loosen pivot bolts (2) on rear most cloth belt roller and rotate to desired position. Tighten pivot bolts securely.

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8. When the water level beomes too low, the heater is automatically switched off and the red warning light at the left side of the machine will go on. The tank must be refilled and warm-up time observed before running more prints.

9. Water in small quantities may be added during operation via the sliding tray on the left side without necessitating a warm-up period.

B. MAINTENANCE

1. Periodic cleaning of the water tank will be required. Remove tank as follows:

   a. Pull line plug

   b. Remove six screws and cover plate from right side of machine

   c. Unplug tank electrical cord

   d. Slide tank out of machine

   e. Remove partitions

   f. Clean tank with a nonmetalic type brush and flush

   g. Install tank, plug in cord and replace cover

2. Daily inspection of the belts (cloth and wire) is recommended to remove any foreigh material. Clean tension roller on cloth belt with acetone or similar low residue solvent.

3. The line fuse is located on the rear side of the line switch box and is accessible from the rear of the machine with the receiving tray in the unfolded position. A 15 amp slow-blow fuse is required.

4. No lubrication is required, as all bearings are sealed.

5. Wire Belt Adjustment

   It should be noted that the adjustment provided on the front wire belt roller is for wear only. The adjusting screws must be moved equally to maintain parallelism between front roller and drive roller. Adjusting one screw more than the other is completely

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ineffective in belt tracking and may damage the belt. (Skewing idler rollers under wire belt is also ineffective.)

In case of wear, the adjusting screws should be turned equally and/or some links removed from the belt. (Note: Belt links must be removed in pairs; i.e., a left- and right-hand spiral.) Tension should be adjusted by sag in the return span underneath according to Dwg #L200-101-046.

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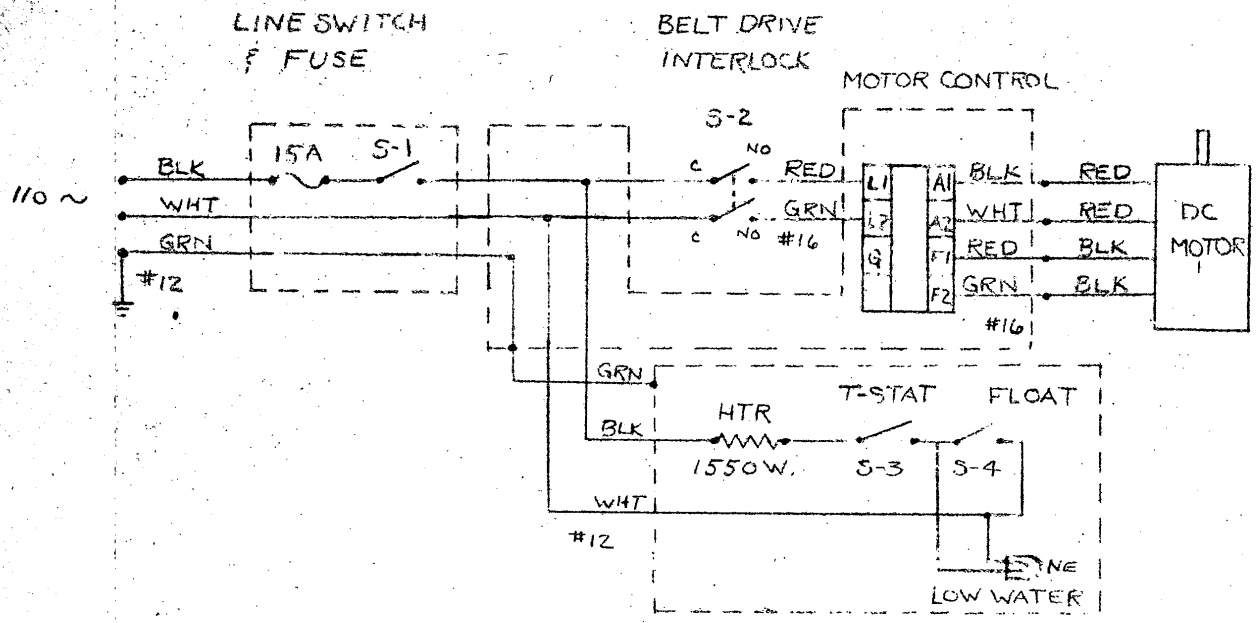

ELECTRICAL SCHEMATIC
30 INCH PRINT STRAIGHTENER

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